

**CLASS 8 GEOGRAPHY**  
**ACADEMIC PLAN & COMPETENCIES**  
**SYLLABUS 2026-2027**

• **MT1 [months: APRIL-JUNE]**

**CHAPTER: Representation of Geographical Features Through Contours**

**1. Knowledge & Understanding (LOTS)**

- Identify different types of contours
- Define contour lines and index contours
- Recognize features like hill, ridge, plateau and other landforms through contours

**2. Application (MOTS)**

- Interpret contour patterns to identify landforms
- Use contour lines to determine the slope of an area
- Explain how contours help in locating settlements and transport routes

**3. Analysis (HOTS)**

- Differentiate between steep and gentle slopes using contour spacing
- Examine how relief affects human activities in an area

**4. Skill-Based Learning (HOTS)**

- Label contour diagrams correctly
- Draw simple cross-sections from contours

**5. Real-Life Connection**

- Explain the importance of contours in road and railway construction
- Connect contour interpretation to agriculture on hills and slopes

**CHAPTER: Population Dynamics**

**1. Knowledge & Understanding (LOTS)**

- Define population and population dynamics
- Identify factors affecting population growth
- Describe birth rate, death rate, and population density
- Recognize causes of population increase and decrease

**2. Application (MOTS)**

- Interpret population data and density patterns
- Explain how population growth affects resources

- Relate population distribution to climate and relief
- Apply concepts to understand census data

### **3. Analysis (HOTS)**

- Differentiate between densely and sparsely populated areas
- Compare factors responsible for population distribution
- Analyze problems caused by overpopulation
- Examine the impact of population growth on development

### **4. Skill-Based Learning (HOTS)**

- Interpret graphs, charts, and population pyramids, population distribution maps
- Analyze census-based data
- Draw conclusions from statistical information

### **5. Real-Life Connection**

- Explain how population affects daily life and resources
- Relate population pressure to unemployment and housing
- Connect family planning with sustainable development
- Understand the importance of balanced population growth

## **CHAPTER: Natural and Human-Made Disasters**

### **1. Knowledge & Understanding (LOTS)**

- Define disasters and classify them
- Identify natural and human-made disasters
- Describe causes of earthquakes, floods, droughts, and industrial accidents
- Recognize disaster-prone areas

### **2. Application (MOTS)**

- Explain safety measures during disasters
- Relate disaster preparedness to daily life
- Apply knowledge of disaster management in school and home
- Identify warning signs of disasters

### **3. Analysis (HOTS)**

- Differentiate between natural and human-made disasters
- Compare causes and effects of different disasters
- Analyze the impact of disasters on people and environment
- Examine disaster management strategies

#### **4. Skill-Based Learning (HOTS)**

- Prepare emergency response plans
- Analyze case studies of disasters

#### **5. Real-Life Connection**

- Understand the importance of disaster preparedness
- Relate disasters to environmental degradation
- Connect human activities with man-made disasters
- Explain community participation in disaster management

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### **• Half Yearly: MT1 + new chapters [months: JULY-SEP]**

#### **CHAPTER: Migration**

##### **1. Knowledge & Understanding (LOTS)**

- Define migration and its types
- Identify push and pull factors of migration
- Describe rural-urban and international migration
- Recognize causes of migration

##### **2. Application (MOTS)**

- Explain how migration affects population distribution
- Relate migration to employment opportunities
- Apply migration concepts to urban growth
- Identify migration patterns in India

##### **3. Analysis (HOTS)**

- Differentiate between immigration and emigration
- Compare rural-urban and urban-rural migration
- Analyze positive and negative effects of migration
- Examine causes of migration in developing countries

##### **4. Skill-Based Learning (HOTS)**

- Interpret migration-related graph
- Analyze case studies of migration
- Draw conclusions from population movement patterns

## **5. Real-Life Connection**

- Relate migration to job opportunities and education
- Understand the effect of migration on family life
- Connect migration with urbanization
- Explain how migration influences culture and economy

## **CHAPTER: Urbanisation**

### **1. Knowledge & Understanding (LOTS)**

- Define urbanisation
- Identify causes of urban growth
- Describe characteristics of urban areas
- Recognize problems of urbanisation

### **2. Application (MOTS)**

- Explain how industries promote urbanisation
- Relate urban growth to migration
- Identify urban problems in local areas

### **3. Analysis (HOTS)**

- Differentiate between rural and urban settlements
- Compare planned and unplanned urban growth
- Analyze problems like pollution, traffic, and slums
- Examine the effects of urbanisation on the environment

### **4. Skill-Based Learning (HOTS)**

- Interpret urban population data
- Analyze urban development patterns

## **5. Real-Life Connection**

- Understand urban problems in daily life
- Relate urbanisation to lifestyle changes
- Connect urban planning with sustainable cities
- Explain the need for smart city development

## **CHAPTER: India – Location, Political Divisions, Physiography**

### **1. Knowledge & Understanding (LOTS)**

- Identify the latitudinal and longitudinal extent of India
- Describe political divisions of India
- Recognize major physiographic divisions

## **2. Application (MOTS)**

- Explain how location influences climate and trade
- Relate physiography to agriculture and settlement
- Apply map skills to locate states and physical divisions
- Identify neighboring countries of India

## **3. Analysis (HOTS)**

- Differentiate between physical and political divisions
- Compare Northern Plains and Peninsular Plateau
- Analyze how physiography affects human life

## **4. Skill-Based Learning (HOTS)**

- Label political and physical maps of India
- Identify neighboring countries and water bodies

## **5. Real-Life Connection**

- Relate physical features to occupation patterns
- Explain regional diversity in India

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## **• MT2 [months: OCT-NOV]**

### **CHAPTER: Asia – Location, Political Divisions, Physiography**

#### **1. Knowledge & Understanding (LOTS)**

- Identify the geographical location of Asia
- Describe political divisions of Asia
- Recognize major physical features of Asia

#### **2. Application (MOTS)**

- Explain how Asia's size affects climate and population
- Relate physical features to settlement and occupations
- Apply map skills to locate countries and landforms
- Identify neighboring continents and oceans

#### **3. Analysis (HOTS)**

- Differentiate between physical and political divisions of Asia
- Compare major mountain ranges and river systems
- Analyze how physiography influences climate and life

#### **4. Skill-Based Learning (HOTS)**

- Label the physical features on Asia map
- Identify major rivers, mountains, and plateaus
- Interpret political and physical maps

#### **5. Real-Life Connection**

- Understand Asia's importance as the largest continent
- Relate physical features to economic activities
- Connect location with trade and communication
- Explain regional diversity across Asia

### **CHAPTER: Human Resources**

#### **1. Knowledge & Understanding (LOTS)**

- Define human resources
- Identify factors influencing quality of human resources
- Describe importance of education and health
- Recognize the role of skilled manpower

#### **2. Application (MOTS)**

- Explain how education improves productivity
- Relate health and nutrition to workforce efficiency
- Apply concepts of human resource development
- Identify examples of skilled and unskilled labor

#### **3. Analysis (HOTS)**

- Differentiate between human and natural resources
- Compare developed and developing countries in human resource quality
- Analyze the importance of literacy and training
- Examine the impact of unemployment on development

#### **4. Skill-Based Learning (HOTS)**

- Interpret literacy and employment data
- Draw conclusions from workforce statistics

#### **5. Real-Life Connection**

- Understand the importance of skill development
  - Connect human resources to national development
  - Explain the role of youth in economic growth
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• **Final [months: DEC-FEB]**

**New chapters (70–80%) + 20–30% from earlier topics of Half Yearly**

**CHAPTER: India – Climate**

**1. Knowledge & Understanding (LOTS)**

- Define climate and weather
- Identify factors affecting India’s climate
- Describe seasons of India
- Recognize the importance of monsoon winds

**2. Application (MOTS)**

- Explain how climate affects agriculture
- Relate monsoon to Indian economy
- Apply climatic concepts to seasonal changes
- Identify regions with heavy and low rainfall

**3. Analysis (HOTS)**

- Differentiate between weather and climate
- Compare summer and winter monsoon
- Analyze causes of uneven rainfall distribution
- Examine the impact of climate on daily life

**4. Skill-Based Learning (HOTS)**

- Interpret rainfall and temperature graphs
- Analyze seasonal weather patterns
- Read climatic data tables

**5. Real-Life Connection**

- Relate monsoon to farming and water supply
- Connect climate with food production
- Explain importance of weather forecasting

**CHAPTER: India – Natural Vegetation, Wildlife and Conservation**

**1. Knowledge & Understanding (LOTS)**

- Identify types of natural vegetation in India
- Describe major wildlife species

- Define conservation and biodiversity
- Recognize protected areas like national parks and sanctuaries

## **2. Application (MOTS)**

- Explain how climate affects vegetation
- Relate forests to soil and rainfall
- Apply conservation methods to protect wildlife
- Identify endangered species in India

## **3. Analysis (HOTS)**

- Differentiate between evergreen and deciduous forests
- Compare national parks and wildlife sanctuaries
- Analyze causes of deforestation
- Examine the need for wildlife conservation

## **4. Skill-Based Learning (HOTS)**

- Identify wildlife reserves in India
- Interpret forest distribution data
- Analyze case studies of conservation projects

## **5. Real-Life Connection**

- Understand importance of forests in daily life
  - Relate conservation to environmental balance
  - Connect wildlife protection with tourism
  - Explain the role of people in conservation
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